



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090019-A

Mode: Highway

Status: Submitted

I-26

From/Cross Street: US 25

Specific Improvement Type: 1 - Widen Existing Roadway

To: US 64

Project Category: Statewide Mobility

Length: 4.63

TIP#: I-4400A

Fully Funded in Draft STIP? No

Cost to NCDOT: \$39,768,000

Description:

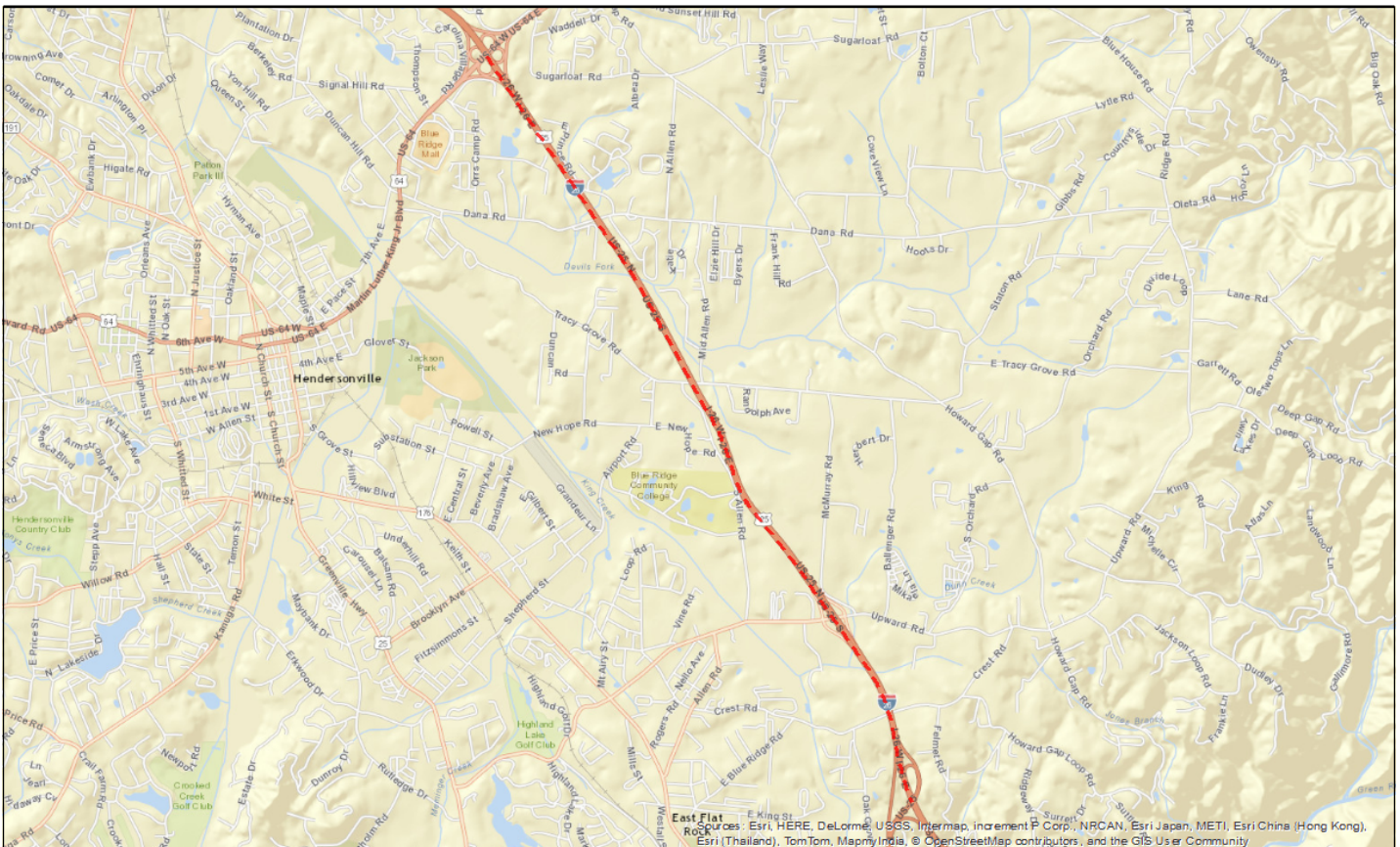
Add Additional Lanes.

Division(s): Division 14

County(s): HENDERSON

MPOS(s)/RPO(s): French Broad River MPO

Project Location



Statewide Mobility Total Score: 32.89

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (30%) 1.97 Congestion (V/C) (30%) 62.74 Safety (10%) 54.97 Economic Competitiveness (10%) 14.69 Multimodal + [Freight & Military] (20%) 32.54	N/A	N/A
Totals: Weight: 100% Weighted Score: 32.89		

Regional Impact Total Score: 38.38

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 62.74 Accessibility / Connectivity (10%) 17.02 Safety (10%) 54.97 [Travel Time] Benefit/Cost (25%) 1.97	Percent: 15% Points: 0	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score: 23.38		

Division Needs Total Score: 18.44

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 62.74 [Travel Time] Benefit/Cost (20%) 1.97 Safety (10%) 54.97	Percent: 25% Points: 0	Percent: 25% Points: 0
Totals: Weight: 50% Weighted Score: 18.44		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	60
Length (miles):	4.63
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	10
Roadway has Curb & Gutter?	No
Volume (AADT):	51064.01
Capacity:	72400.06
Volume/Capacity Ratio:	0.71
% Autos:	87%
% Trucks:	13%
Truck Volume:	6508.28
Crash Density:	58.25
Crash Severity:	53.12
Critical Crash Rate:	53.55
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	20
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	88
Actual Congested Speed:	62.67
Travel Time Index:	0.96

Project Benefits

Project Cross-Section:	6B - 6 Lane Divided (27' Median with Jersey Barrier with Paved Shoulders)
Speed Limit:	60
Length (miles):	4.63
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	3384442.58
Travel Time Savings for 30 Years (Autos):	2953083.69
Travel Time Savings for 30 Years (Trucks):	431358.89
Long-Term Employment:	59
% Change in Economy:	0.00023489
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 14

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 14	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
French Broad River MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$38,768,000	TIP Unit
Right-of-Way Cost:	\$1,000,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$39,768,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$39,768,000	